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*Bootle Union Rural Sanitary
Authority.*

—◆—
Annual Report for 1895.
◆—

GENTLEMEN,

I beg to place before you my second Annual Report for your consideration.

In the Tabulated Forms you will notice several interesting facts brought before you.

The birth-rate is slightly lower than last year and the death-rate is almost the same; also the year is especially marked by the number of deaths at the age of 65 years and upwards. There is a decrease in the rate of Infant mortality. The Zymotic death-rate is lower than last year, being only 3 per 1,000.

You will notice that there are only two deaths from Zymotic diseases, viz.: Diphtheria and Enteric Fever. The former only being notified to me, which occurred at Beekfoot, near Broughton-in-Furness.

Having heard that Enteric Fever had occurred two years ago at the same place, I was suspicious that there must be some insanitary condition existing, I therefore paid a visit and found that it was so. Our Sanitary In-

spector also visited the premises and confirmed my report. Suggestions for improving these defects were sent to the owner, who wisely asked the Sanitary Authority to make the necessary improvements.

There were a few cases of Measles during the Spring, but no other infectious diseases have been brought to my notice.

During the last twelve months there has been but little new works done from a purely sanitary point of view. The several outlets of the sewers at Ravenglass have been extended into the estuary, a great improvement, as the disagreeable smells which were noticed before were very objectionable. A small drainage scheme has been carried out at Bootle, opposite the church, to remedy a constant nuisance caused by slops running out upon the street from adjacent houses.

The marshy country (near to the Hill of Millom) on which are two dairy farms, is still in its primitive original unsatisfactory condition as regards water supply. If water was laid on from the Hill supply and ordinary rates charged it would be found that there would be a deficiency to be made up by the Parish. It was therefore resolved to apply to the owners of the property to agree to a higher scale of water rents being charged with the result that all the owners agreed with the exception of one, who is abroad in New Zealand, and who is expected to give consent shortly.

One or two nuisances have been reported during the year, but have been remedied without being officially reported to the Authority, with the exception of a very insanitary condition existing at Silecroft. On account of

the unwillingness and tardiness of the owner to make the necessary improvements advised by the Authority, considerable pressure had to be enforced, and the requirements are being done. I trust that in my next report I shall be able to give a satisfactory account of what has been done.

I should also like to remind the Authority that the scheme for lengthening the outlet of the sewer at Seascale is in about the same stage as it was last year; also that should any more houses be erected at Seascale along the Drigg road, it will be necessary to form some scheme for drainage, as it will not do for each block of houses to have its own sewer outlet on the shore, separate from each other.

I find in Drigg that some of the houses have no water supply, and have to fetch the water from a Well some distance away, and amongst them is the slaughter-house. It is very important that such a place should have plenty of water close at hand for cleansing purposes.

In conclusion, I have again to express my indebtedness to the Authority and their officials for the aid they have rendered to me in discharge of my duties.

I am, Gentlemen,

Your obedient servant,

E. EDEN CASS,

Medical Officer of Health.

TABLE A.—POPULATION.

Census, 1881	...	...	...	...	5,992
„ 1891	...	...	...	...	5,982
Estimated to middle of 1895			...	...	5,978

BIRTHS and DEATHS (with their rates).

	Births.	Birth-rate.	Deaths.	Death-rate.
1892	140	23·4	95	15·8
1893	131	21·8	101	16·8
1894	135	22·5	79	13·2
1895	131	21·9	80	13·3

TABLE B.—DEATHS.

				1894.	1895.
Under 1 year	...	...	...	18	13
1 and under 5 years	...	...	...	7	7
5 „ 15 „	...	...	...	2	0
15 „ 24 „	...	...	...	5	0
25 „ 65 „	...	...	...	24	26
65 years and upwards	...	...	...	23	34
Total				79	80

TABLE C.

			BIRTHS.		DEATHS.	
			1894.	1895.	1894.	1895.
Males	...	...	70	67	44	47
Females	...	...	65	64	35	33
Total			135	131	79	80
Inquests	...	...	...	...	11	8
Uncertified deaths	...	...	...	..	8	0
Deaths in Workhouse			...	...	3	7

TABLE D.—ZYMOTIC DEATH-RATE.

1894=1·6

1895=·3

TABLE E.

Infant Mortality, 1894	...	...	...	133
„ 1895	...	...	...	99

TABLE F.

		1894.						1895.					
		BIRTHS.			DEATHS.			BIRTHS.			DEATHS.		
		Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
Birker and Austhwaite		2	2	4	...	...	...	1	3	4	...	...	...
Bootle	...	16	15	31	10	4	14	10	13	23	10	8	18
Corney	...	3	5	8	4	...	4	2	1	3	...	...	...
Drigg	...	3	...	3	5	3	8	8	7	15	5	5	10
Eskdale	...	4	3	7	1	3	7	6	3	9	1	1	2
Wastdale	...	...	...	...	...	...	...	...	...	...	...	...	...
Irton	...	6	8	14	2	5	7	4	7	11	6	3	9
Millom	...	18	16	34	10	6	16	25	15	40	12	6	18
Muncaster	...	5	11	16	1	4	5	3	7	10	1	3	4
Ulpha	...	3	2	5	2	4	6	1	1	2	3	1	4
Waberthwaite	...	1	1	2	3	1	4	...	3	3	3	2	5
Whitbeck	...	1	...	1	1	1	2	2	2	4	2	1	3
Whicham	...	8	2	10	2	4	6	5	2	7	4	3	7
Totals		70	65	135	41	35	79	67	64	131	47	38	80

TABLE G.—The Causes and Number of Deaths in the Localities of the District.

	Small Pox.	Measles.	Scarlet Fever.	Diphtheria.	Membranous Croup.	Whooping Cough.	Typhus Fever.	Enteric Fever.	Other or Doubtful Fevers.	Diarrrhea and Dysentery.	Cholera.	Rheumatic Fever.	Pyæmia.	Ague.	Fueral Fever.	Krysipelas.	Pthiasis.	Bronchitis.	Pneumonia.	Plentisy.	Heart Disease.	Injuries.	All Other Diseases.	TOTAL.
Birker and Austhwaite	1	4	1	..	..	1	1	..
Bootle	1	1	10
Corney	1	18
Drigg	1	..	..	..	2	3	4
Eskdale and Wastdale	1	1	..	..	..	1	2
Irton	1	1	..	..	..	1	6
Millom	1	..	..	..	..	..	..	..	..	..	2	1	..	3	..	11	18
Muncaster	1	..	..	..	3	4
Ulpha	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	2	4
Waberthwaite	2	..	..	..	1	..	2	4
Whitbeck	3	3
Whicham	1	..	..	1	1	4	7
Totals	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	10	4	8	6	46	80

TABLE H.—AGE MORTALITY.

Deaths during 1894. 1895.		Disease.	1894.			1895.					
			Under 5 years.	5 years & upwards.	Total.	Under 5 years.	5 years & upwards.	Total.	Under 5 years.	5 years & upwards.	Total.
			Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
...	...	Small Pox	...	...	...	...	...	...	...	...	...
3	...	Measles	2	1	3	...	...	...	...	...	...
...	...	Scarlet Fever	...	...	...	...	...	...	...	...	...
..	1	Diphtheria	...	...	...	...	...	1	..	1	...
...	...	Membranous Croup	...	...	...	...	...	...	...	...	...
4	...	Whooping Cough	2	2	4	...	...	...	...	...	...
2	1	Enteric Fever	...	...	...	1	1	2	...	1	1
1	...	Diarrhœa and Dysentery	1	1	...	...	...	...	...	...	...
...	...	Rheumatic Fever	...	...	...	...	...	...	...	...	...
...	...	Puerperal Fever	...	...	...	...	...	...	...	...	...
...	1	Parturition	...	...	...	...	...	...	...	1	1
...	...	Other or Doubtful Fever	...	...	...	...	...	...	...	...	...
5	4	Phthisis	...	...	...	2	3	5	...	3	1 4
8	10	Bronchitis	1	5	6	1	1	2	2	3	5
3	4	Pneumonia	...	...	...	2	1	3	...	4	...
...	...	Pleurisy	...	...	...	...	...	...	...	...	...
8	8	Heart Disease	...	...	...	5	3	8	...	5	3 8
..	...	Tubercle of Lymph Glands	...	...	...	...	...	...	...	...	...
4	1	Dentitions and Con- vulsions	3	1	4	...	...	...	1	1	...
8	10	Diseases of the Brain and Nervous System	...	...	...	4	4	8	1	..	1 4 5 9
7	3	Malignant Disease	...	...	...	2	5	7	...	1	2 3
9	6	Injuries	1	...	1	7	1	8	..	1	1 5 ... 5
..	...	Erysipelas	...	...	...	...	...	...	...	...	...
...	...	Syphilis	...	...	...	...	...	...	...	...	...
17	31	All Other Diseases	6	...	6	5	6	11	7	3	10 13 8 21
Totals			15	10	25	29	25	54	11	8	19 39 22 61



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